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Frimley Urban District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR

1927.

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CAMBERLEY, SURREY.
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Frimley Urban District.

ANNUAL REPORT

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For 1927.

To the Chairman and Members of the Frimley Urban District Council.

I beg to submit my Report on the health of your district during 1927, in accordance with your requirements and those of the Ministry of Health.

General Statistics.

Area (acres)		7,674
Population at Census, 1921		13,676
Population as estimated by the Registrar General for 1927 :—		
For Birth Rate	14,160	
For Death Rate	12,390	
Number of inhabited houses		3,079
Rateable value		£128,483 10s. 0d.
Sum represented by a penny rate		£450 net

Area is chiefly residential, and occupation is mainly military, in connection with Royal Military and Staff Colleges.

Extracts from Vital Statistics of the Year.

		Male.	Female.	Total.
Births	Legitimate	133	109	251
	Illegitimate	3	6	
Deaths		64	52	116

Birth Rate, 17·72 } per 1,000 population.
Death Rate, 9·36 }

In England and Wales in 1927 :—

Birth Rate, 16·7 } per 1,000 population.
Death Rate, 12·3 }

Number of women dying in, or in consequence of, childbirth :—

(*a*). From Sepsis 0

(*b*). From other causes 0

Death of Infants under one year of age :—

Legitimate, 10 ... Illegitimate, 1 ... Total, 11

Infantile Death Rate per 1,000 births ... ... 43·82

Deaths in England and Wales :—

Infantile Death Rate per 1,000 births ... 69·00

Deaths from Measles (all ages) ... ... Nil

,, ,, Whooping Cough (all ages) 1

,, ,, Diarrhœa (under two years of age) ... ... Nil

Notifiable Diseases.

	Number Notified.	Admitted to Hospital.	Deaths.
Diphtheria	7	7	2
Scarlet Fever	6	5	0
Enteric Fever	0	0	0
Puerperal Pyrexia	3	0	0
Puerperal Fever	0	0	0
Pneumonia	4	0	3
Erysipelas	3	0	0
Tuberculosis—Pulmonary	12	12	5
,, Non-Pulmonary	0	0	3
Encephalitis Lethargica	2	1	1
Poliomyelitis Anterior	0	0	0
Ophthalmic Neonatorum	0	0	0
Cerebro Spinal Fever	0	0	0

During the year 40 premises have been disinfected, comprising :—Scarlet Fever, 6 ; Diphtheria, 7 ; Pulmonary Tuberculosis, 12 ; Measles, 4 ; Cancer, 4 ; Encephalitis Lethargica, 2 ; Cerebro Spinal Fever, 1 ; Influenzal Pneumonia, 3 ; Lobar Pneumonia, 1.

The following articles were subjected to steam disinfection during the year and others destroyed :—

Steam Disinfection.		Destroyed.	
Mattresses and Covers	20	Mattresses and Covers	2
Palliasses	10	Palliasses	1
Bolsters	15	Bolsters	7
Pillows and Cases ...	34	Pillows and Cases ...	9
Sheets	30	Rugs	2
Blankets	11	Sundries	20
Sundries	35		
	155		41

Summary of Nursing Arrangements.

Hospitals, etc., available for the District.

The Benefit Nursing Association has a staff of 8 Nurses working in the district.

There are 6 Midwives practising in the district.

Professional Nursing in the homes of patients is provided by the Sanitary Authority on the recommendation of the Medical Officer.

General Hospitals available are Royal Berkshire Hospital, Reading, and Royal Surrey County Hospital, Guildford, at both of which local treatment centres are also available for the treatment of Venereal Disease.

There are two Maternity and Child Welfare Centres—one in each Ward—Staffed by the Surrey County Council and assisted by a Committee of Ladies. Much useful work is done here and the attendances are exceptionally good.

Tuberculosis Dispensary is provided at Farnham by the County Council.

Infectious Diseases :—Cases of Scarlet Fever are admitted to Council's Isolation Hospital at Mytchett. Cases of Diphtheria and other infectious diseases are removed, when necessary, to the Farnham Joint Isolation Hospital.

The following accommodation and staff is provided at the Frimley Cottage Hospital :—

Medical Staff—7.
Visiting Surgical Staff—3.
Resident Medical Staff—Nil.
Other Specialists —1 X-Ray, 3 Dental, 1 Masseur.
Nursing Staff—1 Matron, 1 Trained Nurse, 2 Probationers.
Beds—4 Male, 5 Female, 2 Cots, 2 Private.
Bathrooms—1 Male, 1 Female, 1 Staff, 1 Private.
Sanitary Accommodation—1 Male, 1 Female, 1 Staff. 1 Private.
Method of Admission—By recommendation of Practitioners.

Ambulance facilities :—

(*a*). Infectious Cases—the Council's own horse ambulance.
(*b*). Non-Infectious Cases—a Motor Ambulance in connection with St. John Ambulance Association.

Laboratory Work.—All Pathological and Bacteriological Examinations are carried out by the Clinical Research Association, Watergate House, W.C.2.

Diphtheria Antitoxin and Antitetanic Serum are supplied on application, free of charge, to all Medical Practitioners in the District. Scarlet Fever Antitoxin is available at the Isolation Hospital, Mytchett.

Camberley Aid Society.—Although there is not much real destitution in the district, this Society has rendered very excellent service. To the Executive Committee of this Society representatives of other bodies doing welfare work in the district have been appointed.

List of Adoptive Acts, Bye-laws, and Local Regulations relating to the Public Health, in force in the District, with date of Adoption.

By-laws with respect to :—		*Date :—*
Telephone, Telegraph and other Wires...	1897.	August 20th.
Tents, Vans, Shed and similar structures	1914.	November 24th.
Common Lodging Houses	1898.	January 13th.
Slaughter Houses	1898.	January 13th.
Prevention of Danger from Whirligigs and Swings and from the use of Fire-arms, in Shooting Ranges and Galleries.	1898.	January 13th.
Cleansing of Footways, Removal of House Refuse, Cleansing of Earth-closets, Privies, Ashpits and Cesspools ...	1898.	March 1st.
Hackney Carriages	1898.	March 5th.
With respect to Nuisances	1898.	October 29th.
With respect to Nuisances	1924.	August 20th.
Pleasure Gardens (North Ward) ...	1898.	November 14th.
New Street and Building	1920.	March 2nd.
Removal of House Refuse	1903.	December 2nd.
Houses Let in Lodgings	1904.	December 6th.
Pleasure Grounds (North Ward) ...	1907.	May 10th.
Pleasure Grounds (South Ward) ...	1910.	July 7th.
Offensive Trades	1921.	January 4th.
Slaughter House (for preventing cruelty in same)	1923.	August 7th.
Regulations in respect to :—		
Dairies, Cowsheds and Milkshops ...	1903.	July 7th
The connection of the Drains of Buildings with the Public Sewer	1909.	June 8th.
Dairies, Cowsheds and Milkshops (additional)...	1914.	July 7th.

Offensive Trades :— Under Public Health Act, 1875, and Public Health Acts Amendments Act, 1907	Blood-drier, Tanner, Leather-dresser, Glue-maker, Size-maker, Gut-scraper and Rag and Bone Dealer. 1920. May 4th. Fat Melter and Fat Extractor. 1919. August 5th.

Adoptive Acts :—	*Date of coming into force :—*
Infectious Disease (Prevention) Acts, 1890 (with the exception of Sections 6 & 15)	1896. January 7th.
The Private Street Works Acts, 1892 ...	1896. April 15th.
Public Health Acts Amendment Act, 1890 :	
Part 2. Control of Telegraph Wires Part 3. Sanitary and other provisions Part 4. Music and Dancing ... Part 5. Stock	1896. April 15th.
Public Health Acts Amendment Act, 1907 :	
Part 2. Streets and Buildings (with exception of Sec. 19 as to repairs to Private Streets) Part 3. Sanitary Provisions ... Part 4. Infectious Diseases ... Part 5. Common Lodging Houses ... Part 6. Recreation Grounds ... Part 10. Miscellaneous	1909. October 9th.
Part 7. Police (with exception of Secs. 78, 82, 83, 84 & 85) Part 8. Fire Brigade ... ... Part 9. Sky Signs	1911 August 23rd.

Sanitary Administration and Staff.

There is one whole-time Sanitary Inspector, who holds the appointments of Inspector of Meat, etc., Dairies, Cowsheds and Milkshops, and is the appointed Officer under the Housing Inspections of District Regulations.

Housing.

Number of new houses erected during the year :—

(*a*). Total	200
(*b*). As part of a municipal housing scheme ...	101

1.—Unfit Dwelling Houses.

Inspection (1), Total number of dwelling houses inspected for housing defects (under Public Health of Housing Acts)...	198

HOUSING—*continued.*

(2). Number of dwelling houses which were inspected and recorded under the Housing (Consolidated) Regulations, 1925 198

(3). Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 5

(4). Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation 93

2.—Remedy of Defects without Service of formal Notices.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 36

3.—Action under Statutory Powers.

A.—Proceedings under Section 3 of the Housing Act, 1919.

(1). Number of dwelling houses in respect of which notices were served requiring repairs 27

(2). Number of dwelling houses which were rendered fit :—

(*a*). By owners 25

(*b*). By Local Authority in default of owners 2

(3). Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close 5

B.—Proceedings under Public Health Acts.

(1). Number of dwelling houses in respect of which notices were served requiring defects to be remedied 18

(2). Number of dwelling houses in which defects were remedied :—

(*a*). By owners 18

(*b*). By Local Authority in default of owners —

C.—Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925.

(1). Number of representations made with a view to the making of Closing Orders ... 5

(2). Number of dwelling houses in respect of which Closing Orders were made 5

HOUSING—*continued.*

(3). Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit ...	1
(4). Number of dwelling houses in respect of which demolition Orders were made ...	—
(5). Number of dwelling houses demolished in pursuance of Demolition Orders	—

Sanitary Inspection of the District.

In accordance with the Local Government Board's Order, which requires him to supply this information for inclusion in the Medical Officer of Health's Report, the following tabulated report is inserted here of the number and nature of inspections made by the Sanitary Inspector during the year under review :—

Complaints received and investigated	39
Houses inspected under Section 17 of the Housing and Town Planning Act	198
Houses re-inspected under Section 17 of the Housing and Town Planning Act	145
Visits to works in progress	1311
Miscellaneous inspections	92
Inspection of Slaughter-Houses	262
Inspection of Dairies, Cowsheds and Milkshops ...	134
Inpection of Factories and Workshops	98
Visits *re* cases of infectious disease	60
Inspection of Drains under Section 41 P.H.A. ...	68
Drains tested with water	121
Drains tested with smoke or air	48
Total ...	2576

The following are the details of the complaints received :—

Stoppage in drains	15
Insanitary yards	2
Offensive smells	14
Defective drains	2
Water supply	1
Insanitary premises	5
Total ...	39

The above list does not include verbal complaints, which are dealt with as the circumstances require.

Notices Served.

Preliminary Notices	219
Statutory Notices—Section 36, Public Health Act, 1875, to provide premises with sufficient W.C's. or dustbins...	36
Section 41, Public Health Act, 1875, to re-lay house drains	15
Section 3, Housing Act, 1925, to put premises in a reasonable state of repair.	6
Section 94, Public Health Act, 1875, to abate nuisance	5
Section 62, Public Health Act, 1875, to provide a sufficient water supply ...	5
Section 23, Public Health Act, 1875, to provide sufficient drains	3
Section 25, Public Health Act, Amend. Act, 1907, to pave insanitary yard	3
	292

Nineteen of the above Notices have not been complied with.

The following gives a list of defects found and remedied during the year by the Sanitary Inspector :—

Accumulations of offensive matter removed... ...	16
Cesspools and bucket closets abolished	66
Cesspools emptied and cleansed	9
Ceilings repaired and cleansed	48
Concrete under floors	4
Drains unstopped, cleansed and repaired	64
Drains ventilated	83
Drains provided, altered or amended	169
Damp walls remedied	27
Dustbins provided	115
Floors repaired	66
Foul pans cleansed	30
Gully traps repaired or provided	45
Gutters and downspouts fixed and repaired... ...	28
Inspection chambers repaired or provided	120
Inlet Ventilation provided to drains...	36
Premises provided with sufficient drains	3
Premises cleansed	39
Pedestal water-closets fixed	77
Roofs repaired	102
Sanitary fittings repaired	25
Soilpipes and ventpipes provided or repaired ...	83

DEFECTS—*continued.*

Water-closets erected or repaired	19
Water-closets or buckets cleansed	36
Water-closet flushing tanks provided and repaired	131
Yards paved and repaired	27
Total ...	1,468

Water Supply.

The Water Supply of the district is obtained from the Frimley and Farnborough District Water Company. It is derived chiefly from the Company's deep wells in the chalk at Itchell, near Crondall, and at Greywell, near Odiham. At both these stations the water, after being pumped, is treated with a solution of lime to soften it before distribution. A small portion of the Frimley area is supplied from the Company's pumping station at Frimley, where the water is obtained from the gravel beds adjoining the railway line. After collection, it is subsided, aerated and sand-filtered before being pumped for distribution.

The hardness of the water is as follows :—

	High Level.	Low Level.	
Temporary hardness ...	6·8 ...	5·3	Parts per 100,000.
Permanent hardness ...	4·8 ...	3·5	
Total hardness	11·6 ...	8·8	

Six samples of well water were collected during the year for analysis. Four were found in bad condition with the result that the wells were closed and seven houses which they supplied were connected to the public mains. The other samples were found to be good potable water.

During the year the following were connected with the Company's mains :—

Houses (Domestic Supply) ...	148
,, (at present building) ...	45
Gardens	9
Garages	10
~~Offices ... ...~~	~~3~~
Shops, Warehouses, etc.	3
Fire Station	1
Flushing Tank	1
	217

Samples were submitted during the year to the Clinical Research Association for analysis; the reports received were found satisfactory.

Statement of Rainfall for the Year 1927

(Registered at the Frimley and Farnborough Water Works; Frimley Green).

MONTHLY TOTALS.

January	1·88	inches.
February	4·19	,,
March	3·37	,,
April	2·28	,,
May	1·16	,,
June	3·01	,,
July	4·22	,,
August	3·06	,,
September	4·95	,,
October	1·39	,,
November	3·62	,,
December	3·57	,,
Total ...	36·70	,,

Dairies, Cowsheds and Milkshops Order.

The Regulations of the above Order came into force in August, 1903. The following are the number of persons on the register :—

Cowkeepers and Purveyors of Milk	5
Cowkeepers who sell their Milk wholesale... ...	8
Dairymen with premises in the district	13
Dairymen with premises outside the district ...	10
Total ...	36

Frequent inspections have been made during the year in order to ascertain if the Regulations under the Order were being complied with. Two Informal Notices were issued during the year respecting the condition of the cowsheds. These were complied with.

The half-yearly notices with respect to the lime-washing of the sheds, etc., were all complied with.

The dairymen with premises in the district retail approximately about 9,000 gallons weekly, and of this amount more than half is imported. One retailer alone imports over 800 gallons weekly in addition to what he produces himself.

There is a large amount of milk produced outside the district and retailed inside, but there is no definite information as to what the amount is.

Analysis of Milk Examinations.

Number of Bacteria per 1 cc. :—

Under 50,000.	50,000 to 100,000.	100,000 to 200,000.	200,000 to 500,000.	500,000 to 1,000,000.	Over 1,000,000.
32	7	2	8	1	4

Total number of samples—54.

°/₀ under 50,000 bacteria per 1 cc.—approximately 60 °/₀
°/₀ under 200,000 bacteria per 1 cc.—approximately 75 °/₀
°/₀ over 1,000,000 bacteria per 1 cc.—approximately 7 °/₀

There has been a notable rise in the standard during the last half-year. An even higher standard of efficiency can be obtained.

Under the Milk (Special Designations) Order, 1923, the following is the standard for Grade "A" milk :—

(*a*).—Not more than 200,000 bacteria per 1 cc.

(*b*).—No. B-Coli present in $\frac{1}{100}$ cc.

This is the standard which has been adopted for ordinary milk in this district and is taken as an average standard for the whole year. A slightly higher count must be expected in the summer than in the winter, due to temperature effects.

During the months of March, July and August, samples of "certified" milk retailed within the district were collected and submitted to the Clinical Research Association for analysis. The reports were satisfactory.

Slaughter-Houses.

There are five slaughter-houses in the district—two registered and three licensed. Two hundred and fifty-one visits were paid to the premises by the Sanitary Inspector during the year, the visits being arranged as far as possible during the process of slaughtering.

Eighty-three stones, two pounds of pork, and forty-five stones of beef and beef liver were condemned during the year as unfit for human consumption and destroyed. It was voluntarily surrendered.

The requirements of the Byelaws are usually well maintained, but if a contravention is found it is brought to the notice of the person responsible and this is found sufficient to obtain compliance with the requirements.

The Public Health (Meat) Regulations, 1924, have been closely observed so far as allowing carcases to project outside the limits of the wall or screen of the shop where it would be specially exposed to contamination from the street. Up to the present there has been little trouble in reasonably administering this Regulation in the district.

No Statutory Notices were served respecting these premises during the year.

Foodshop Inspections.

Throughout the year there has been a systematic inspection of premises where food is exposed, kept or deposited for the purpose of sale and no Notices have been served respecting the same.

Sale of Food and Drugs Acts, etc.

Return of Samples Analysed during the year ended 31st December, 1927, in the Urban District of Frimley.

Articles.	Analysed. Formal.	Analysed. Informal.	Analysed. Total.	Adulterated or Deteriorated. Formal.	Adulterated or Deteriorated. Informal.	Adulterated or Deteriorated. Total.	Prosecutions.	Convictions.
Milk	45	–	45	9	–	9	4	1
Cream	–	–	–	–	–	–	–	–
Butter	1	–	1	–	–	–	–	–
Cheese	1	–	1	1	–	1	–	–
Spirits	1	–	1	–	–	–	–	–
Other Articles	3	3	6	–	1	1	–	–
Totals	51	3	54	10	1	11	4	1

Workshops, Bakehouses, etc.

There are eight factories and one hundred workshops in the district, including twelve bakehouses. These premises have been inspected more or less frequently during the year, careful attention having been given to bakehouses. They are invariably found in good order, but if a contravention is found the defect is brought to the notice of the person responsible and is remedied without being reported to the Council.

There are no underground bakehouses in the district.

Common Lodging Houses.

There are none in the district.

Offensive Trades.

The Bye-laws under this heading came into operation on the 5th April, 1921. Only one premises is registerd, *i.e.*, a Fat Boiling Factory at Salisbury Grove, Mytchett. The work is carried on satisfactorily and no complaints have been received during the year.

Closet Accommodation.

The district is provided mainly with the water carriage system. There is approximately about 100 houses not connected with the Public Sewer, and of this number about 70 are large houses which deal with the sewage on their own grounds. The remainder are chiefly isolated cottages provided with bucket closet, and a small proportion with privy accommodation.

There are a number of houses which discharge into the sewage disposal works provided for the Royal Military College, Sandhurst, and also a number which discharge into the disposal works provided to take the Camps at Blackdown and Deepcut.

Sewage and Sewage Disposal.

The district is provided with a Sewerage Scheme designed in 1904 to deal with the sewage from a population of 15,000 on a basis of 20 gallons per head per day and giving a total dry weather flow of 300,000 gallons per 24 hours. Since the scheme was carried out in 1906 there have been several extensions, chiefly in the South Ward. Practically the whole of Camberley, Yorktown, Frimley and Frimley Green is now connected with the Public Sewers, as is also the main road to the cross roads Mytchett, and Deepcut Road.

The Sewage Disposal Works were designed to meet the full requirements of the Local Government Board for a population of 15,000 and provide for open septic tanks and continuous flow bacteria beds capable of dealing with a volume of sewage and storm water equal to twice the dry weather flow, *i.e.*, 600,000 gallons per 24 hours, and the effluent from these filters can be discharged on the land reserved for the purpose with an additional area available for extensions where required owing to increase of population.

The Sewage Works are provided with three Septic Tanks (one for storm water), 6 Filter Beds 80 feet radius, $4\frac{1}{4}$ acres for storm water, and 7 acres for effluent The total area of the Farm is $21\frac{1}{2}$ acres.

During the early part of the year a new Sewer was constructed in the Frimley Road to take the Watchetts Estate Housing Scheme.

Tents, etc.

Byelaws with respect to Tents, Vans, Sheds and similar structures, 1914.

The Byelaws with respect to the above were amended in 1914 to give the Council greater powers. The result of this has been to reduce the number of camps to two.

No Notices were served during the year under this heading.

Scavenging House Refuse.

A weekly collection of House Refuse is now made in the whole of the district with the exception of The Maultway and a few isolated houses at the top of Bisley Road. Difficulty is still experienced in obtaining suitable tips in the South Ward, but this has been partly obviated by the use of the Motor Freighter.

The S.D. Freighter has now been running satisfactorily for over 12 months, the running expenses being 6/3 per ton compared with 8/11 per ton for team labour.

Complaints under this heading have been comparatively few and were attended to as promptly as possible on receipt.

There are no ashpits in the district, the refuse being stored in moveable receptacles. The following table shows the provision of dustbins during the last few years :—

1922	1923	1924	1925	1926	1927	Total.
187	125	119	101	171	115	818

The Council have not undertaken the cleansing of earth closets, privies and cesspools within their district.

Prevalence of and Control over Infectious Diseases.

There has been no Epidemic prevalence of any Infectious Disease.

The Shick and Dick Test in Diphtheria and Scarlet Fever respectively have not been made use of.

Total number of Bacteriological specimens examined in 1927 was 37.

Form I.D. Surrey County Education Committee is submitted by the local schools in all cases of infectious disease occurring among school children.

Tuberculosis.

Public Health (Prevention of Tuberculosis) Regulations, 1925, —no action was taken by the Council under these regulations during 1927.

Public Health Act, 1925, Section 62—no action was taken by the Council under this Section during 1927.

Ophthalmia Neonatorum.

CASES — 0

Notified.	Treated. At Home.	Treated. In Hosp.	Vision Unimpaired.	Vision Impaired.	Total Blindness.	Deaths.
0	0	0	0	0	0	0

F. CHURCHILL DAVIDSON,

Medical Officer of Health.